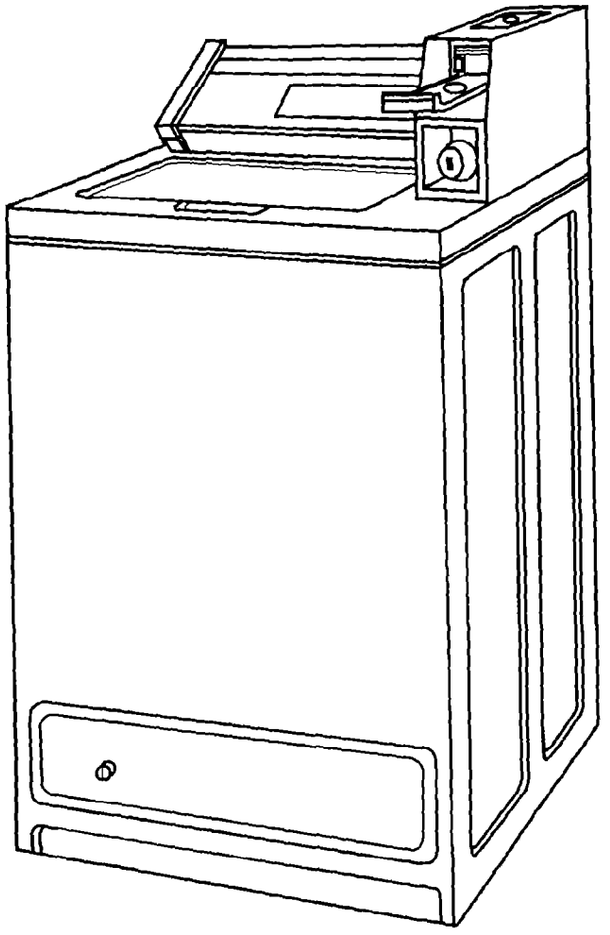
Installation Instructions



Part No. 3358988
9-92

IMPORTANT: Read and save these instructions.

IMPORTANT:

Installer: Leave Installation Instructions with the owner.

Owner: Keep Installation Instructions for future reference.

Save Installation Instructions for local electrical inspector's use.

COMMERCIAL WASHER

120-volt, 60-Hz Models

Whirlpool
COMMERCIAL LAUNDRY PRODUCTS

Before you start...

Check location where washer will be installed. Proper installation is your responsibility. Make sure you have everything necessary for correct installation.

Coin-operated washers are equipped with a meter case, console, timer, selector switches and indicator lights. The coin slide mechanism, slide mounting bolt, slide extension, service door panel lock and key, top lock and key, coin vault, and coin vault lock and key are not included with this washer and are needed to complete installation. These items are available from usual industry sources.

⚠CAUTION

Product Damage

Do Not store or operate washer below 32°F (some water may remain in washer).

See Use & Care Guide for "Winterizing" information.

Failure to follow above may result in product damage.

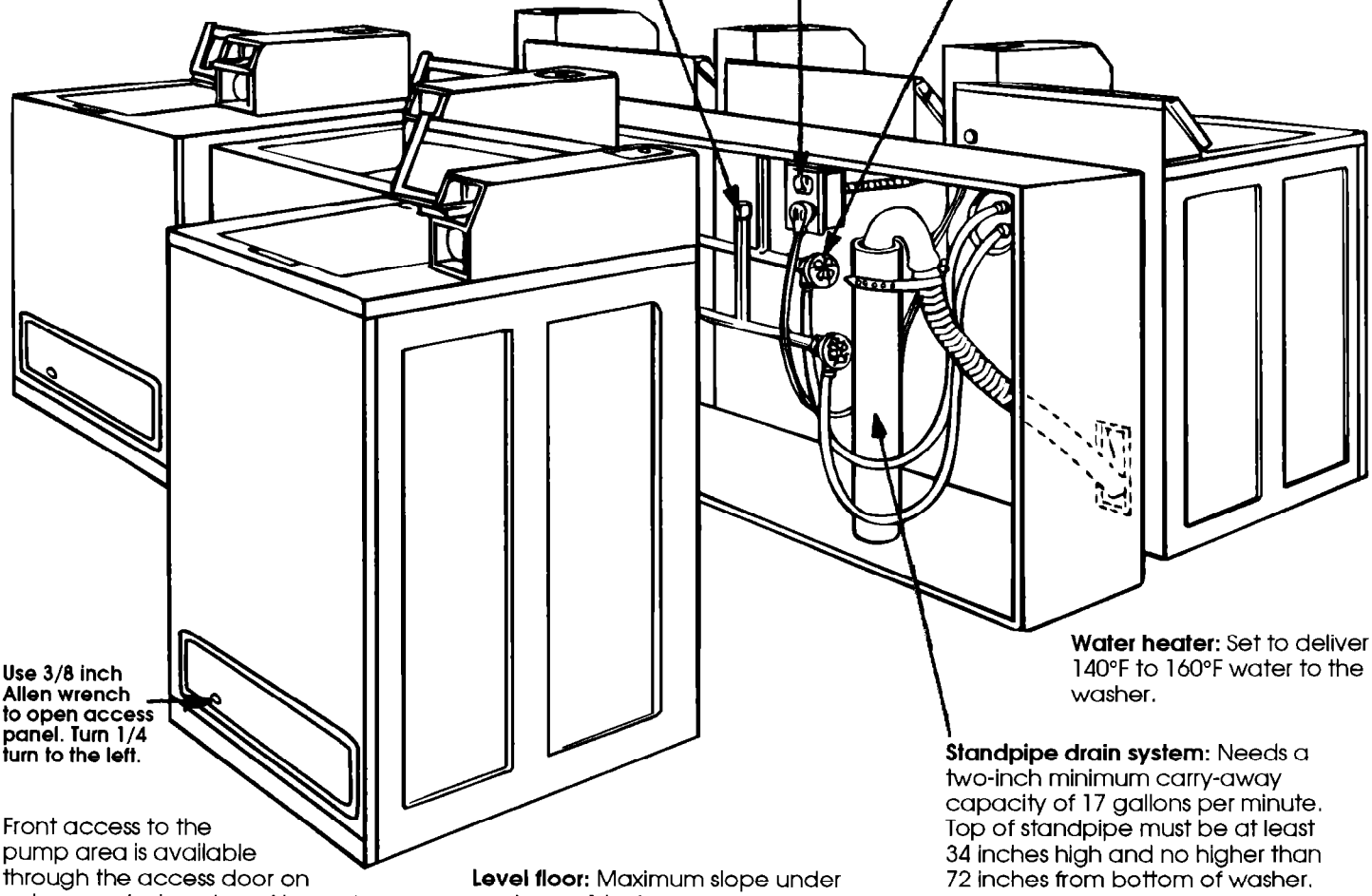
Untape and open washer lid. Remove packages and hoses from washer.

If a longer drain hose is needed, drain hose (Part No. 388423) and hose extension kit (Part No. 285442) are available from authorized parts centers. If drain hose must be shortened, use kit (Part No. 285442).

Single washer installations require 12 inch minimum risers to provide an air cushion and prevent noise and damage to valves.

Grounded electrical outlet is required. See Electrical requirements.

Hot and cold water faucets: Must be within 4 feet of the back of the washer and provide water pressure 10-100 PSI. A pressure reduction valve should be used in the supply line where inlet pressure entering the building exceeds 100 PSI to prevent damage to the washer mixing valve.



Use 3/8 inch Allen wrench to open access panel. Turn 1/4 turn to the left.

Water heater: Set to deliver 140°F to 160°F water to the washer.

Standpipe drain system: Needs a two-inch minimum carry-away capacity of 17 gallons per minute. Top of standpipe must be at least 34 inches high and no higher than 72 inches from bottom of washer.

Front access to the pump area is available through the access door on coin-operated washers. Non-coin operated washers do not have a removable front panel. The cabinet and top assembly must be removed by removing clips under console on the non-coin operated washer.

Level floor: Maximum slope under washer — 1 inch.

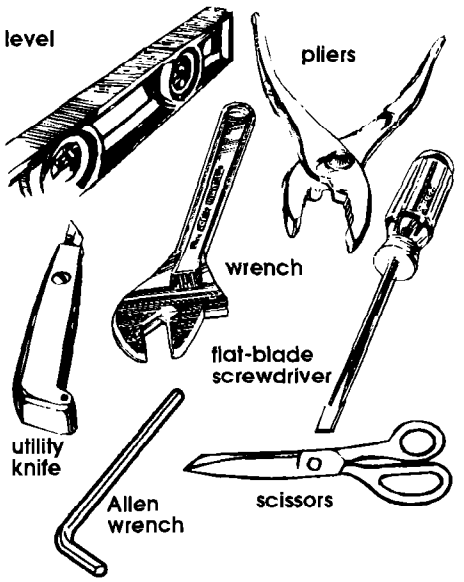
A floor drain should be provided under the bulkhead. Prefabricated bulkheads with electrical outlets, water supply lines and drain facilities should be used only where local codes permit.

Support: Floor must be sturdy enough to support loaded washer weight of 315 pounds.

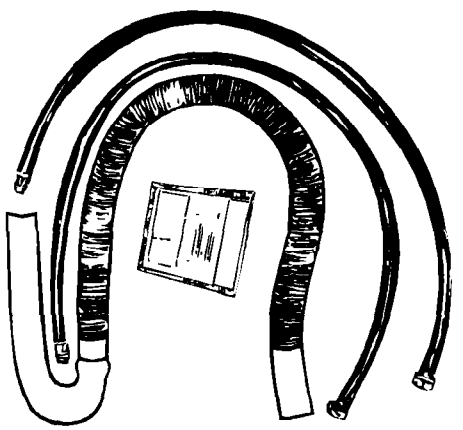
Non-coin operated washers are equipped with a console, push to start timer, selector switches and indicator lights (not pictured).

Important: Observe all governing codes and ordinances.

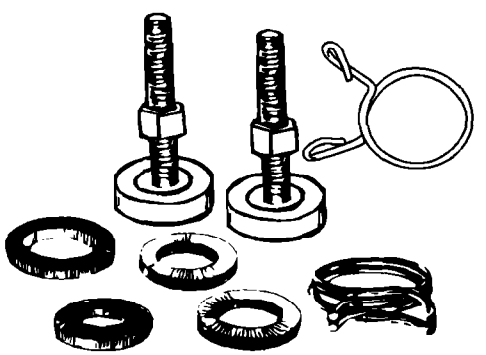
Tools needed for installation:



Parts supplied for installation:



Remove parts from packages. Check that all parts were included.



1 hose clamp
2 inlet hoses
4 flat water hose washers
2 front-leveling legs with nuts
1 drain hose
1 small clamp

Electrical requirements

⚠ WARNING

Electrical Shock Hazard

- **Electrical ground is required on this appliance.**
- **If cold water pipe is interrupted by plastic, non-metallic gaskets or other insulating materials, Do Not use for grounding.**
- **Do Not ground to a gas pipe.**
- **Do Not modify the power supply cord plug. If it does not fit the outlet, have a proper outlet installed by a qualified electrician.**
- **Do Not have a fuse in the neutral or grounding circuit. A fuse in the neutral or grounding circuit could result in an electrical shock.**
- **Do Not use an extension cord with this appliance.**
- **Check with a qualified electrician if you are in doubt as to whether the appliance is properly grounded.**

Failure to follow these instructions could result in serious injury or death.

If codes permit and a separate grounding wire is used, it is recommended that a qualified electrician determine that the grounding path is adequate.

A 120-volt, 60-Hz, AC-only, 15-ampere fused electrical supply is required. (Time-delay fuse or circuit breaker is recommended.) It is recommended that a separate circuit serving only this appliance be provided.

Recommended grounding method

Do Not, under any circumstances, remove the power supply cord grounding prong.

For your personal safety, this appliance must be grounded. This appliance is equipped with a power supply cord having a 3-prong gounding plug. To minimize possible shock hazard, the cord must be plugged into a mating 3-prong grounding-type wall receptacle, grounded in accordance with National Electrical Code, ANSI/NFPA 70-latest edition and all local codes and ordinances. See Figure 1. If a mating wall receptacle is not available, it is the personal responsibility and obligation of the customer to have a properly grounded 3-prong wall receptacle installed by a qualified electrician.

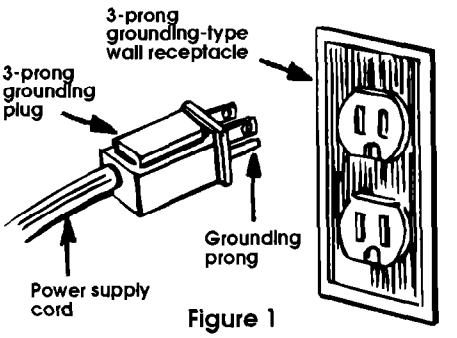
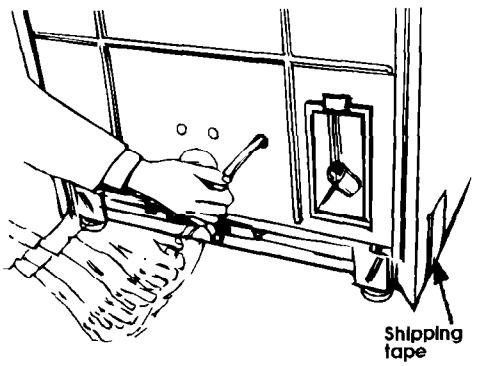
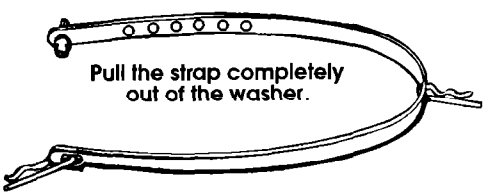


Figure 1

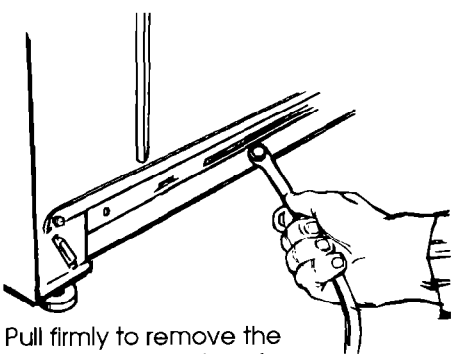
Now start...

With washer in laundry area.





1. Remove tape that covers shipping strap. Pull to completely remove the shipping strap with 2 cotterpins from the inside of the washer.

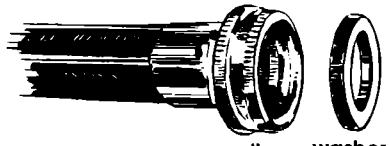


Pull firmly to remove the end of shipping strap from the back of the washer. The shipping strap plug must be completely removed from the washer for the self-leveling legs to be released.

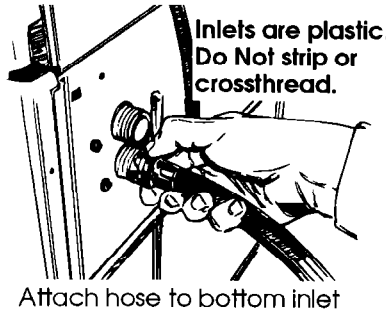
Save the shipping strap for use in Step 16.

2. Remove the power supply cord from the basket. Peel the tape down and off each side of cabinet.

Use new hoses and washers that came with your Whirlpool washer.

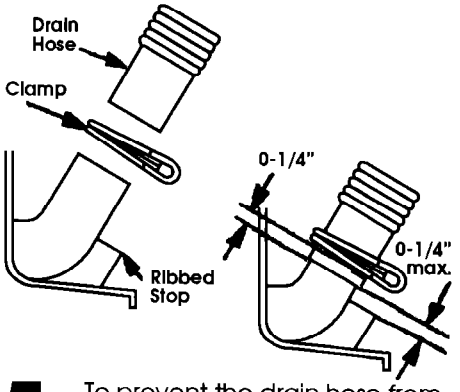


3. Insert a flat washer into **each** end of the inlet hoses. Check that washers are firmly seated in couplings.



4. Attach hose to bottom inlet valve opening first. Then second hose to top inlet. Tighten couplings by hand; then use pliers to make an additional two-thirds turn.

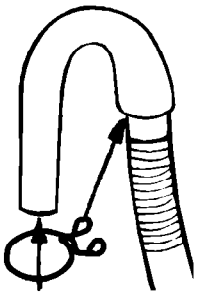
IMPORTANT: THIS PROCEDURE MUST BE FOLLOWED TO ASSURE PROPER INSTALLATION.



5. To prevent the drain hose from coming off or leaking, it must be installed per the following instructions:

1. Wet the inside end of the drain hose with tap water. **DO NOT USE ANY OTHER LUBRICANT.**
2. Squeeze ears of clamp with pliers to open and place clamp over the end of the drain hose.
3. While holding clamp open, work end of drain hose onto drain connector until drain hose is within 1/4 inch of ribbed stop.
4. When the end of the drain hose is within 1/4 inch of ribbed stop, position clamp on drain hose so that the bottom of the clamp is 1/4 inch from the end of the hose, release pliers.

6. Open clamp and slide over "hook" end of drain hose to secure the rigid and corrugated sections together.



⚠ CAUTION

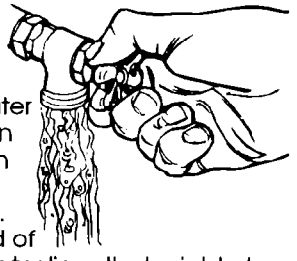
Floor Damage

Slide washer onto cardboard or hardboard before moving across floor.

Failure to do so may cause damage to floor covering.

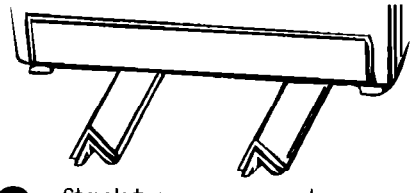
7. Move washer close to final position. Put "hook" end of drain hose into laundry tub or standpipe. Check for proper length of drain hose.

DO NOT FORCE EXCESS LENGTH OF DRAIN HOSE DOWN THE STANDPIPE. THIS COULD CAUSE SIPHONING.

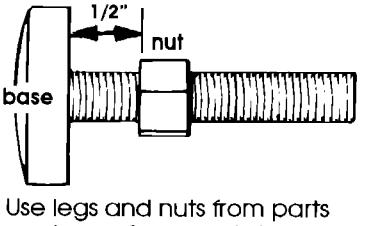


8. **Before** attaching water inlet hoses, run water through both faucets into a bucket. This will get rid of particles in water lines that might clog hoses. Mark which is the hot water faucet.

9. Attach bottom hose (inlet marked "H") to hot water faucet. Attach top hose (inlet marked "C") to cold water faucet. Tighten coupling to faucet by hand; then use pliers to make final two-thirds turn.

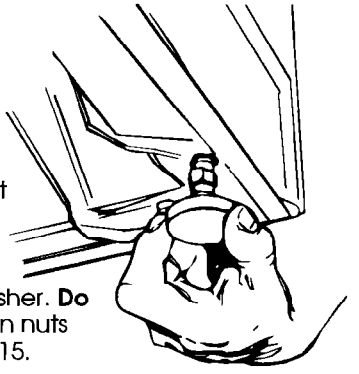


10. Stack two corner posts on top of each other. Tilt washer backwards and insert corner posts 3 inches in from one side of washer as shown. Repeat with other corner posts on other side of washer.



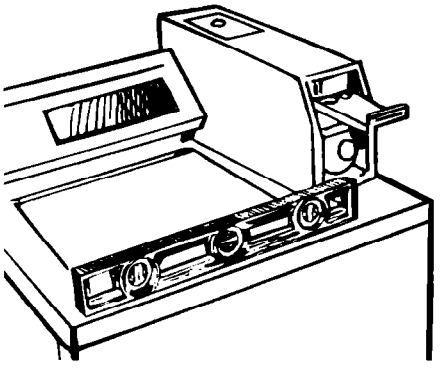
11. Use legs and nuts from parts package. Screw nut down to within 1/2 inch of base.

12. Insert legs into correct holes at each front corner of washer until nuts touch washer. **Do Not** tighten nuts until Step 15.

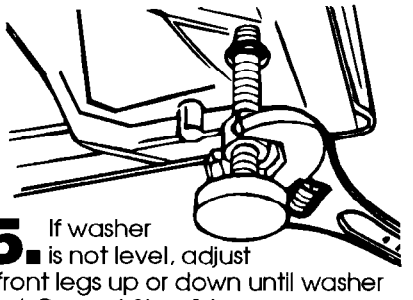


13. Tilt washer backward and remove corner posts. Gently lower washer to floor.

Move washer to its permanent location. Remove cardboard or hardboard from under washer.



14. Tilt washer forward raising back legs 1 inch off of floor. To adjust rear self-leveling legs, gently lower washer to floor. Check levelness of the washer by placing a carpenter's level on top of the washer, first side to side; then front to back.



15. If washer is not level, adjust the front legs up or down until washer is level. Repeat Step 14.

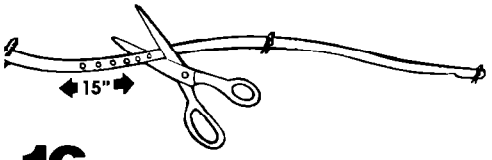
When washer is level, use wrench to turn nuts on front legs up tightly against washer base. If nuts are not tight against washer base, the washer may vibrate.

⚠ CAUTION

Property Damage

Secure the drain hose to the standpipe with the shipping strap removed from the back of the washer.

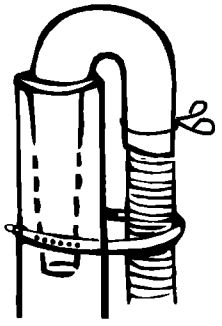
Failure to properly secure drain hose could result in water damage.



16.

Measure and mark a point approximately 15 inches from the plug end of the shipping strap. Cut the shipping strap at this point.

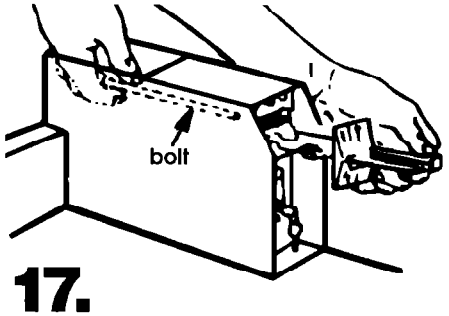
Check that hose is not twisted or kinked and is securely in place.



Put "hook" end of drain hose into standpipe. Tightly wrap the shipping strap around the drain hose and standpipe. Push plug into the nearest hole in the shipping strap.

If a longer drain hose is needed, drain hose (Part No. 388423) and hose extension kit (Part No. 285442) are available from authorized parts distributors. If drain hose must be shortened, use kit (Part No. 285442).

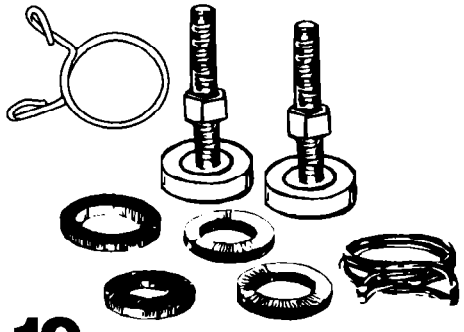
Note: If washer is moved to adjust drain hose, the washer must be leveled again. Repeat Steps 14-15. Place cardboard under the washer and carefully move washer to avoid damaging floor covering.



17.

On coin-operated washers, remove the service door of the meter case. Lift the service door up at the back and remove. Carefully insert coin slide with the coin slide extension attached into front opening and secure with the 3/16-inch mounting bolt from inside the meter case. The coin slide may need to be partially pushed in to insert mechanism in the front opening. Replace meter case top and service door. Insert coin vault with lock and key.

18. CHECK ELECTRICAL REQUIREMENTS. BE SURE YOU HAVE CORRECT ELECTRICAL SUPPLY AND RECOMMENDED GROUNDING METHOD.

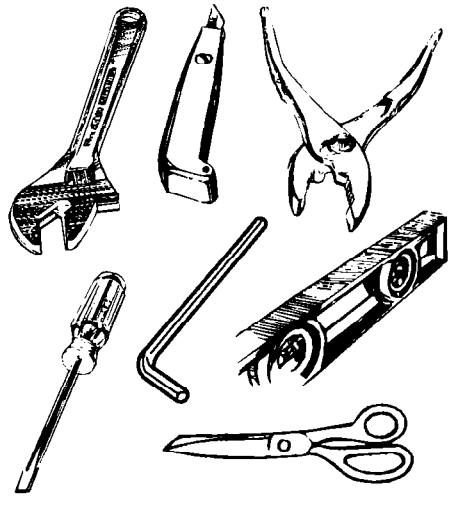


19.

Check that all parts are now installed. See parts list, Page 3. If there is an extra part, go back through steps to see which step was skipped.

20.

Turn on water faucets and check for leaks. Tighten couplings if there is leaking. DO NOT OVERTIGHTEN; this could cause damage to faucets.



21.

Check that you have all of your tools. Check that the shipping strap with 2 cotterpins and plug was removed from the back of the washer and used to secure the drain hose.

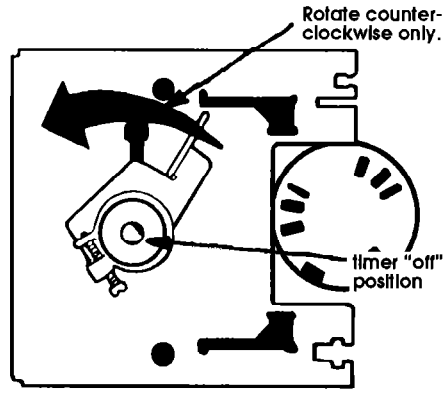
If entire strap is not removed, washer may vibrate and be noisy.

22.

Remove power supply cord from basket and plug into grounded outlet.

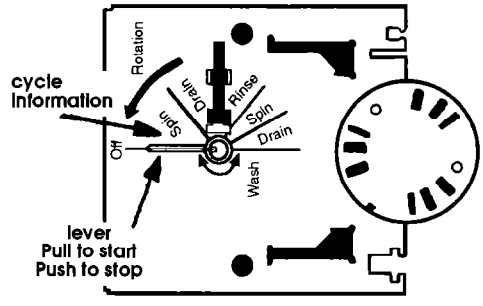
23.

Check the wash cycle time. Both coin-operated and non-coin operated washers have timers with a 9-minute wash in the Normal cycle. Remove the meter case top of coin-operated washer to manually start the timer. Remove the rear of the console to manually start the timer. Remove the rear of the console to manually operate the timer of non-coin operated washer. Start the washer and allow it to complete the Normal cycle.



Timer front view

- Coin-operated timers can be started by turning the clutch assembly counterclockwise until the washer starts to fill with water.

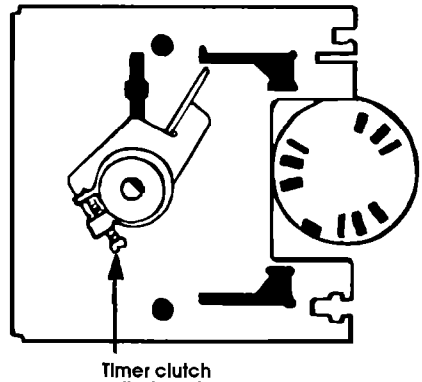


Timer rear view

- Non-coin-operated timer cycle information is ink stamped on the rear of the timer. Push in on the lever attached to the timer shaft. Reset lever to the Normal cycle position, then pull out on lever to start washer.

24.

If the washer fails to start or does not give the proper washer cycle time, the clutch assembly of the coin-operated timer can be adjusted. Remove the timer from the meter case. Adjust the clutch assembly screw clockwise if the washer does not start after the coin slide mechanism has been fully actuated in or out. Adjust the clutch assembly screw counterclockwise if the washer segment of the Normal cycle was less than 9 minutes.

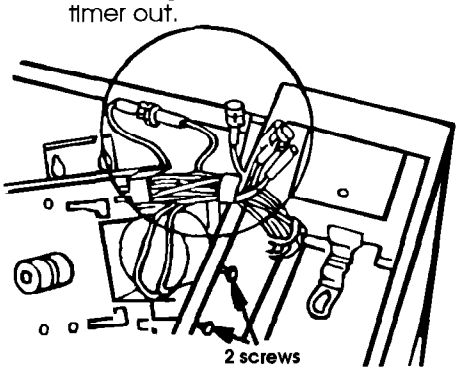


Timer clutch adjustment screw

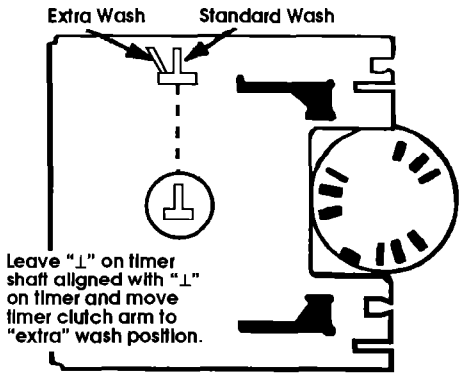
Owner options (coin-operated models)

CAUTION: Disconnect power cord.

1. For **EXTRA WASH and/or EXTRA SPIN:**
   - Remove meter case service door
   - Loosen two screws on the timer mounting bracket and lift the timer out.



   a. **EXTRA WASH** — 3 minutes.
   - Connect LBU to LBU2.
   - Disconnect GY from GY2.
   - Set timer clutch arm as shown below.



   b. **EXTRA SPIN** — 2 minutes.
   - Connect BK to BK2

2. For **WARM RINSE** and **WATER SAVER:**
   - Remove screws from each end of the console bottom.
   - Pull the console bottom forward; lift and tilt it back.

   a. **WARM RINSE**
   - Connect J1 to J2.

   b. **SAVE WATER**
   - Pull out tab on water-level switch.

3. If use of a larger coin vault, lock and key is desired, conversion bar in lower portion of coin vault area can be removed.
4. If additional security is needed, top and cabinet can be locked to washer back panel by using a "screw type" lock and key in space provided in top panel under console. The "screw type" lock and key are available from usual industry sources.

Typical full load sizes.

Load Type	Loading Suggestion	Load Type	Loading Suggestion
Mixed Load	3 double sheets 4 pillowcases 8 T-shirts 6 pair shorts 2 shirts 2 blouses 8 handkerchiefs	Heavy work clothes	3 pair pants 3 shirts 1 coverall 4 pair jeans 1 overall
Permanent Press	2 double or 1 king size sheet 1 tablecloth 1 dress 1 blouse 2 slacks 3 shirts 2 pillowcases	Knits	3 blouses 4 slacks 6 shirts 4 tops 4 dresses

Check list for washer operation

Check the following if the washer is not operating properly:

1. Power supply cord is plugged in.
2. Circuit breaker is not tripped or fuse blown.
3. Timer has been advanced to start of a cycle.
4. Water faucets are turned on.
5. Inlet and drain hoses are not kinked.
6. Washer lid is closed.
7. Inlet valve is frozen if not protected from the weather.
8. Suds level. Excess suds will slow the spin and cause poor rinsing. Operate the washer through a complete cycle with no detergent. Use less detergent or a controlled suds type detergent in future loads.

Operating precautions

⚠ WARNING

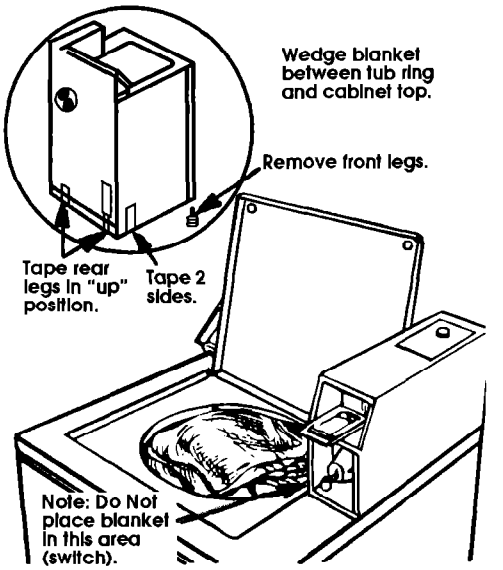
Fire Hazard

NEVER wash items cleaned, washed, soaked in or spotted with wax, paint, gasoline or flammable fluids in the washer.

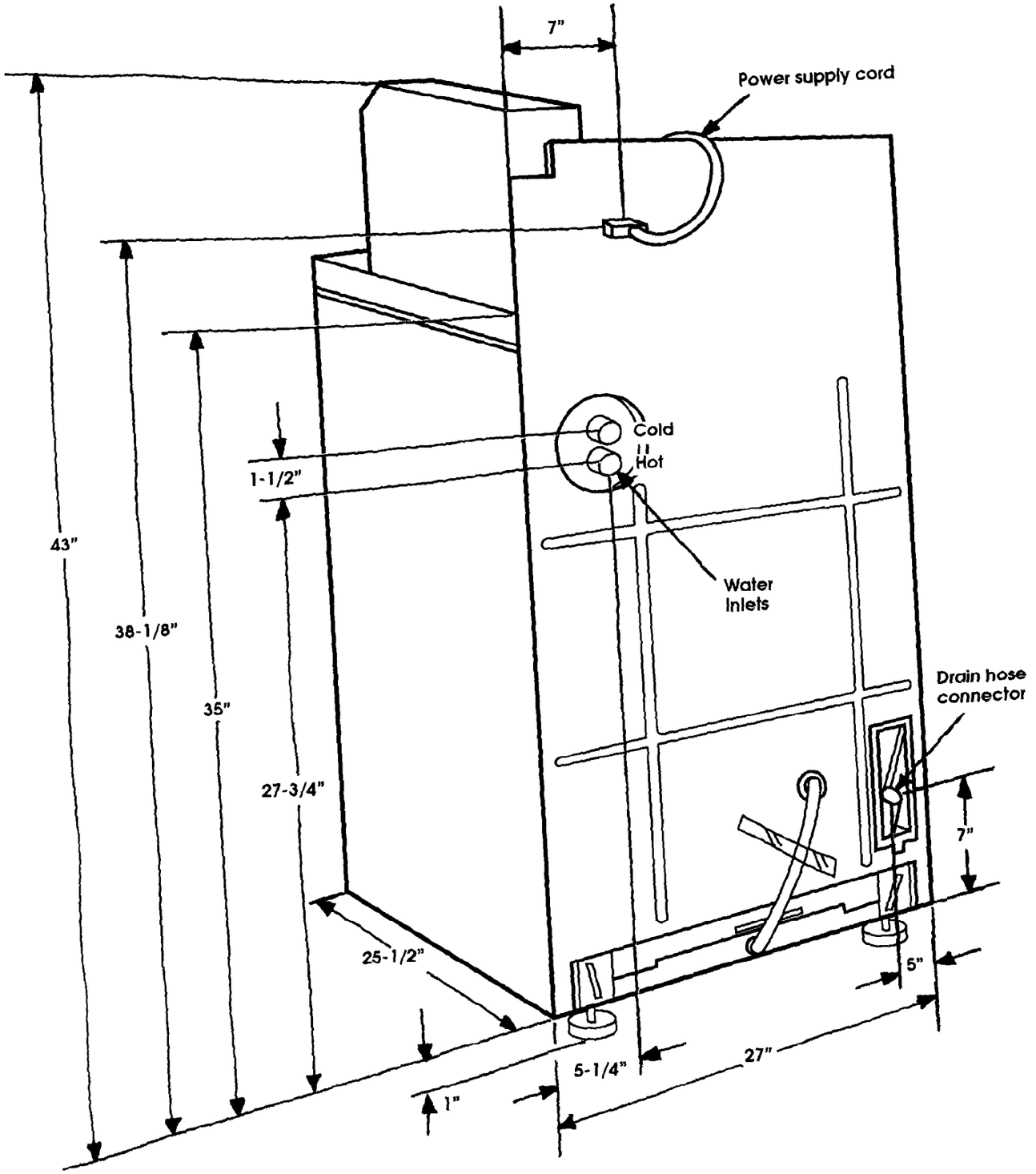
The fumes can create a FIRE HAZARD or EXPLOSION. ALWAYS hand launder and air dry fabrics containing these materials.

It is recommended that fiberglass items not be washed in coin-operated washers. If these items are washed in the washer, run the washer through a complete cycle to rinse any residue away that might be left in the washer.

Moving the washer to a new location...


Wedge blanket between tub ring and cabinet top.
Remove front legs.
Tape rear legs in "up" position.
Tape 2 sides.
Note: Do Not place blanket in this area (switch).

- Remove the front legs from the base of the washer.
- Place both rear leveling legs in the upper position and tape securely.
- Apply tape to the side and bottom of the cabinet near the rear.
- Open washer lid, wedge a blanket between the tub ring and the cabinet top restricting the tub movement.
- Handle washer carefully. **Do Not drop washer while using hand truck.**


7"
Power supply cord
Cold
Hot
1-1/2"
43"
38-1/8"
35"
27-3/4"
Water
Inlets
Drain hose
connector
7"
25-1/2"
5"
27"
5-1/4"
1"

Part No. 3358988
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